

STATE OF CALIFORNIA

CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD

Base Year Modification Request Certification

Part 1: Generation Study - No Extrapolation Diversion Data

To request a substitution for a previously approved base year used in calculating the diversion rate for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to:

**California Integrated Waste Management Board
Office of Local Assistance
1001 I Street, (MS-25)
PO Box 4025
Sacramento, CA 95812-4025**

General Instructions:

Please select the **ONE** choice below that best explains your request to the Board.

- ☐ 1. Use a recent generation-based study to calculate our current reporting year generation amount, but not officially change our existing Board-approved base year.
- ☒ 2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The shaded cells on these sheets are protected. If you have problems using these sheets, please contact your Office of Local Assistance representative by calling (916) 341-6199.

Section I: Jurisdiction Information and Certification

All respondents must complete this section.

I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:

Jurisdiction Name		County	
City of Redding		Shasta	
Authorized Signature		Title	
Type/Print Name of Person Signing		Date	Phone () Include Area Code
Person Completing This Form (please print or type)		Title	
Affiliation:			
Mailing Address	City	State	ZIP Code
E-Mail Address			

Section II: Information for New Generation-Based Study for Existing or New Base Year

Attach additional sheets if necessary—reference each response to the appropriate cell number (e.g., "4").

Note: New base years must be representative of a jurisdiction's disposal and diversion.

1. Current Board-approved existing base year:	2. Proposed new generation-based study year:
1990	2002
3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:	

4. Enter diversion rate information below.

Diversion rate calculated using existing base year	a. 30 %	Diversion rate calculated using new generation-based study	b. 51 %
For existing base year pounds/person/day based on generation	8.8	For new generation based study pounds/person/day based on generation	12.25
Residential generation 46 %	Non-Residential generation 54 %	Residential generation 22% %	Non-Residential generation 78% %
Population existing generation-based study 66,462		Population new generation-based study 84,600	

5. If there is an increase from 4a to 4b, please explain how the new diversion rate is consistent with your current diversion implementation efforts. If the proposed new generation tonnage results in an increase in your pounds/person/day, please explain how this is consistent with your current diversion implementation efforts and provide any examples (e.g., change in jurisdiction's demographics).

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6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons for the difference. (For example: new/improved curbside diversion programs.)

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7. Disposal Tonnage (enter values):	23399	69083	92482
	Residential	Non-Residential	Total

Please select the **ONE** choice below that best explains your **disposal** data and complete the required tables.

☒ a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)

☐ b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification sheet found at www.ciwmb.ca.gov/LGCentral/Forms/rytnmdrq.doc)

☐ c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at www.ciwmb.ca.gov/LGCentral/Forms/rytnmdrq.doc)

8. In the table below, list the summarized diversion activities, and diversion data records that support your claim and are available for Board audit. **Note:** *The Board expects the jurisdictions to be able to provide all back-up documentation, if requested.* Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition calculations). If any diversion is from restricted wastes, agricultural wastes, inert solids [e.g., concrete, asphalt, dirt,] white goods, and scrap metal, please identify those programs/waste types and fill out Section 10. Please mark as Attachment 8 all copies of survey forms.

*Please provide detailed Non-Residential waste information in Section 9.

Note: The Board has indicated that it will be scrutinizing total source reduction amounts greater than 5% of total generation. Please be prepared to provide additional details substantiating your claim.

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific Material Type(s) (List operation w/multiple materials in one box)	Specific Conversion Factor Used (if any) and Source	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at: www.ciwmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm	(A)	(A/Total Generation)			
Residential Source Reduction Activities					
Backyard composting					
Grasscycling	1294	0.7%	grass clippings	6.5 tons per year - CIWMB	Survey sheet for City Public Works -Parks/Rec Dept (169 acres), CalTrans (260 acres) and local schools (20 acres)
Other Residential Source Reduction (list each program separately)					
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Subtotal, Residential Source Reduction	1294	0.7%			
Residential Recycling Activities					
Curbside Recycling	3831	2.0%	newspaper, corrugated, glass, PET, HDPE, aluminum cans and tin cans	actual weights	Annual tonnage report from the City of Redding - Sanitation Recycling Report for the period from 1/01/02 - 12/31/02, provided as supporting documentation to new base-year study.
Buyback Centers	1655	0.9%	aluminum, glass, plastics and bimetal	actual weights	Dept. of Conservation's Division of Recycling 2002 Aggregate Volumes for the City of Redding, provided as supporting documentation to the new base-year study. Additional tonnage provided for cardboard and newspapers collected by one of the centers (e-mail).
Drop-off Centers	1546	0.8%	newspaper, corrugated, glass, PET, HDPE, aluminum cans, scrap metal and tin cans	actual weights	Annual tonnage report from the City of Redding - Sanitation Recycling Report for the period from 1/01/02 - 12/31/02 and the Dept. of Conservation's Division of Recycling 2002 Aggregate Volumes for the City of Redding, provided as supporting documentation to new base-year study.

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific Material Type(s) (List operation w/multiple materials in one box)	Specific Conversion Factor Used (if any) and Source	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at: www.ciwmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm	(A)	(A/Total Generation)			
Other Residential Recycling (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal, Residential Recycling	7032	3.7%			
Residential Composting Activities					
Green Waste Drop-off	773	0.4%	green waste	actual weights	Transfer Station Log - City Fiscal Year 2002/2003, provided as supporting documentation to new base-year study.
Curbside Green Waste	9535	5.0%	green waste	actual weights	Transfer Station Log - City Fiscal Year 2002/2003, provided as supporting documentation to new base-year study.
Christmas Tree Program					
Other Residential Composting (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal, Residential Composting	10308	5.5%			
Subtotal, Residential Diversion	18634	9.9%			
Non-Residential Source Reduction Activities:					
Non-Residential Waste Audits*	2893	1.5%	See Section 9	See Section 9	See Section 9
Other Non-Residential Source Reduction (list each program separately)					
Government Source Reduction Programs	150	0.1%	Paper, plastics and metals	USEPA, CIWMB	Audit of City Departments
Government Composting/Mulching	6398	3.4%	Fire Dept mulches clearing debris for fire prevention on-site	527 lbs per cubic yard (prunings shredded)	Survey sheet for City Fire Department
Enter program name					
Enter program name					
Enter program name					
Subtotal, Non-Residential Source Reduction	9441	5.0%			

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific Material Type(s) (List operation w/multiple materials in one box)	Specific Conversion Factor Used (if any) and Source	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at: www.ciwmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm	(A)	(A/Total Generation)			
Recycling					
Non-Residential Waste Audits*	18953	10.0%	See Section 9	See Section 9	See Section 9
Other Non-Residential Recycling (list each program separately)					
Rendering	1016	0.5%	grease, fat and bones	weight report from business	Letter from North State Rendering Co., Inc., provided as supporting documentation to new base-year study.
Commercial On-site Pick-up	3419	1.8%	aluminum cans, glass, plastics, paper and corrugated from the corrugated, paper and bar/restaurant programs	actual weights	Annual tonnage report from the City of Redding - Sanitation Recycling Report for the period from 1/01/02 - 12/31/02 and the Dept. of Conservation's Division of Recycling 2002 Aggregate Volumes for the City of Redding, provided as supporting documentation to new base-year study.
Enter program name					
Enter program name					
Enter program name					
Subtotal Non-Residential Recycling	23387	12.4%			
Non-Residential Composting Activities					
Non-Residential Waste Audits*	704	0.4%	See Section 9	See Section 9	See Section 9
Other Non-Residential Composting (list each program separately)					
Self-Haul Green Waste	1822	1.0%	green waste	actual weights	Transfer Station Log - City Fiscal Year 2002/2003, provided as supporting documentation to new base-year study.
Enter program name					
Subtotal Non-Residential Composting	2525	1.3%			
Subtotal Non-Residential Diversion Residential/Non- Residential Diversion Activities	35353	18.7%			
ADC					
Sludge	4614	2.4%	sludge	actual weights	City of Redding and City of Anderson Biosolids Land Application Post-Application Reports
Scrap Metal	154	0.1%	scrap metal	Actual weights	Actual weights from scrap metal recycling and Transfer Station Log - City Fiscal Year 2002/2003, provided as supporting documentation to new base-year study.

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific Material Type(s) (List operation w/multiple materials in one box)	Specific Conversion Factor Used (if any) and Source	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at: www.ciwmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm	(A)	(A/Total Generation)			
Construction and Demolition				2800 pounds per cubic yard (Caterpillar Performance Handbook Edition 32) for beneficial reuse at Benton Landfill, 145 pounds per cubic foot for road resurfacing, actual tonnage for beneficial reuse at W. Central Landfill, 1,380 lbs per cubic yard of asphalt paving, crushed (Tellus) for excavator #5098 and actual weights for excavator #496 and other (no assigned survey #).	Memo: Description of Beneficial Use of Separated and Processed Soils/Clays from the Construction and Repair of City Sewer and Water Lines for beneficial reuse. The diversion estimate for the City's road resurfacing recycling program is based on field measurement taken from the bid tab for each project. Beneficial reuse at W Central landfill based on landfill tonnage reports. Tonnage from the three excavators based on survey forms and back-up documentation (e.g., weight reports, purchasing orders).
Landfill Salvage	37857	20.0%	inert materials		
	21	0.0%	cardboard and wood	actual weights	Transfer Station Log - City Fiscal Year 2002/2003, provided as supporting documentation to new base-year study.
Subtotal Residential/ Non-Residential Diversion	42646	22.6%			
Total Res/Non-Res Source Reduction Tons	10734	5.7%			
Total Diversion Tons	96634	51.1%			
Total Disposal Tons from Sec.7	92482	48.9%			
Total Generation Tons (Div+Dis)	189116				
Diversion Rate	51%				

Board Meeting
August 16-17, 2005
9. Specific Non-Residential Sector Waste Audits--Top 10 Non-Residential Generators

Agenda Item 19
Attachment 2b

Please complete this table for the top 10 non-residential generators that were surveyed. List each non-residential generator separately from largest to smallest, based on total diversion tons. Audit reference number ties to your audit sheets.

(Table will perform all addition calculations).

Type of Non-Residential Generator	Audit Reference Number	Specific/Major Diversion Activities Include Material Type (e.g., paper recycling, grasscycling). (List activities on one line)	Source Reduction Tons	Recycling Tons	Composting Tons	Total Diversion Tons	Percent of Total Generation (Total Diversion Tons/Total Generation in Section 8)	Survey Method Phone (P) Mail (M) On-site (O) Other ____
5411-Grocery Stores	#16602	Recycling cardboard, film plastic, pallets and office paper; source reduction food and composting food	16	341	427	782.92	0.4%	O, P
5399-Miscellaneous General Merchandise Stores	#10153	recycling cardboard, film plastic and other paper; and source reduction pallets, textiles and food	39	689		728.07	0.4%	P
5999-Miscellaneous retail stores, n.e.c. (golf course)	#9473	Source reduction tires, prunnings and trimmings, remainder composite plastics, office paper and food, and grasscycling	601			600.82	0.3%	P,O
Golf Course	NA	Grasscycling	553			552.5	0.3%	O
5099-Durable goods, n.e.c.	#8075	Recycling tires, cardboard and film plastic; and source reduction food	12	424		435.54	0.2%	O
5411-Grocery Stores	#516	Recycling cardboard film plastic and food; source reduction food; and food composting	3	282	134	418.45	0.2%	P
5411-Grocery Stores	#2961	Recycling cardboard film plastic and food; and food composting		282	134	415.85	0.2%	O
5411-Grocery Stores	#7312	Source reduction office paper, food, pallets; and recycling toner cartridges, plastic containers, pallets, cardboard and bones and fat.	28	384		411.88	0.2%	O
5411-Grocery Stores	#7625	Source reduction office paper, food, pallets; and recycling toner cartridges, plastic containers, pallets, cardboard and bones and fat.	28	384		411.88	0.2%	O

Board Meeting August 16-17, 2008 5999-Miscellaneous retail stores, n.e.c.	#441	source reduction other non-ferrous metals, wooden crates and office paper, recycling durable plastic items, cardboard, and other ferrous metals						Agenda Item 19 Attachment 2b
Totals			1278.73	2784.9	694.28	4757.91	2.5%	

Also provide an attachment 9 which includes all of the generators surveyed. Include for each generator (use type of generator in lieu of specific business name) diversion activity and material type and associated tonnage for each diversion activity/material type, and applicable conversion factors/sources. Include copies of survey form(s) used.

Summarize the non-residential diversion activities for the top 10 generators quantification methodology, and applicable conversion factors and sources (e.g., cardboard recycling: quantified by monthly tonnage receipts provided by the contact person at the business).

#16602 - recycling cardboard (17 bales/week at 700 lbs/bale = 310.25 tons/yr), material exchange food (Bread, bulk 1 cubic foot = 18 lbs per FEECO) X 14 loads/week X 52.14 weeks = 6.57 tons/yr, recycling cardboard (OCC, box, medium 24"x24"x30" each = 2.2 lbs per USEPA) X 450 boxes/week X 52.14 weeks = 25.81 tons/yr, recycling film plastic (LDPE Film plastics, semi-compacted 1 cubic yard = 72.32 lbs per Tellus) X 2 bales (1 cubic yard each)/week X 52.14 weeks= 3.77 tons/yr, recycling wooden pallets (1 unit = 1 lbs X 10 units/week X 52.14 weeks = 0.26 tons/yr), material exchange food (50 lbs/day (350 lbs/week) X 52.14 weeks = 9.13 tons/yr), recycling other office paper (Office Paper (white, color, CPO, junk mail) 55 gallon = 42.35 lbs per USEPA) X 55 gallon every two weeks = 0.55 tons/yr), and composting food (Produce Waste/vegetable loose 1 cubic yard = 909 lbs per Tellus X 18 loads (1 cubic yard each)/week X 52.14weeks = 426.58 tons /yr).

#10153 - recycling cardboard (683 tons per recycler - 40 bales per week), recycling film plastic (1 33 gallon bag every two weeks at 3.68 pounds each x 52.14 weeks = 0.05 tons/yr), source reduction pallets (30 pallets at 40 lbs each per USEPA = 0.60 tons/yr), material exchange textiles (used clothing donated 33 gallon hefty bag = 30 lbs each per LA Co study) X 3 bags a week X 52.14weeks = 2.35 tons/yr, material exchange food (dog food at 200 lbs a day 7 days a week = 36.50 tons/yr), recycling other paper (0.5 cubic yard/week at 427.50 pounds per cubic foot per Tellus (paper back books) X 52.14 weeks = 5.57 tons/yr)

Golf Course - grasscycling (85 acres at 6.50 tons per acre per year per CIWMB= 552.5 tons/yr)

#8075 - recycling cardboard (1 cubic yard of OCC (large bale) = 900 lbs per USEPA) X 18 bales/week X 52.14 weeks = 422.36 tons/yr, material exchange food (1 unit = 1 lbs X 250 units/week X 52.14 weeks = 6.52 tons/yr), material exchange food (food 33 gallons = 4.41cu.ft. = 30 lbs) X 7 33- gallons/wk X 52.14 weeks = 5.48 tons/yr, recycling film plastic (film Plastic/mixed loose 1 cubic yard = 22.55 lbs per Tellus) X 2 cubic yards/wk X 52.14 weeks = 1.18 tons/yr)

#516 - recycling cardboard, recycling film plastic, composting food and food recycling based on corporate report and source reduction food (1 pound = 1 unit X 5200 units/yr = 2.60 ton/yr)

#2961 - recycling cardboard, recycling film plastic, composting food and food recycling based on corporate report

#7312 & #7625 - Source reduction Office white ledger (White Ledger #20, 8.5" x 11" 1 ream (500 sheets) = 5 lbs per USEPA) X X 2 reams/week X 52.14 weeks = 0.26 tons/yr), Source reduction Remainder/composite plastic (toner cartridges) (Toner cartridge = 2.5 lbs per USEPA) X 11 cartridges/yr = 0.01 ton/yr), Source Reduction Food (1 unit = 1lbs - 1000 units/week X 52.14 weeks = 26.07 tons/yr), Recycling Misc. plastic containers (1 unit = 1 lbs - 300 units/week X 52.14 weeks = 7.82 tons/yr), Recycling Remainder/composite paper (1 unit = 1 lbs - 3000 units/week X 52.14 weeks = 78.21 tons/yr), Recycling Wood pallets (Pallet, wood versus plastic average 48" x 48" each = 40 lbs per USEPA) X 2 pallets/week X 52.12 weeks = 2.09 tons/yr), Source reduction Wood pallets (Pallet, wood versus plastic average 48" x 48" each = 40 lbs per USEPA) X 25 pallets = 0.50 tons/yr), Source Reduction Food (1 unit = 1 lbs - 2000 units/yr = 1 ton/yr), Recycling Uncoated corrugated cardboard (1 unit = 1 lbs - 11,000 units/week X 52.14 weeks = 286.79 tons/yr), Recycling Food (bone & fat) (1 unit = 1 lbs - 350 units/week X 52.14 weeks= 9.13 tons/yr)

#441 - source reduction other non-ferrous metals (1unit = 1 lbs - 5,000 units/month x 12 months = 30 tons/yr), recycling durable plastic items (1unit = 1 lbs - 100 units/week X 52.14 = 2.61 tons/yr, recycling other ferrous metals (1unit = 1 lbs - 20,000 units/month X 12 months = 120 tons/yr), recycling remainder/composite plastic (1unit = 1 lbs - 200,000 units/yr = 100 tons/yr), source reduction remainder/composite organic (wooden pallets) (1unit = 1 lbs - 1000 units counted for single reuse only = 0.50 tons/yr), recycling uncoated corrugated cardboard (1unit = 1 lbs - 1,000 units./week X 52.14 weeks = 26.07 tons/yr), source reduction office white ledger paper (White Ledger #20, 8.5" x 11" 1 ream (500 sheets) = 5 lbs per USEPA -X 2 reams/wk X 52.14 weeks = .26 tons/yr).

10. For each restricted waste type (i.e., agricultural waste, inert solids, [e.g. concrete, asphalt, dirt, etc.] scrap metals and white goods [PRC section 41781.2]) and associated program, please provide the following information:

a. If the diversion program started on or after January 1, 1990, complete the following table.

Note: *program name refers to one specific diversion program for that waste type (e.g., "Diversion conducted by city public waste dept.)."*

Restricted Waste Type	Specific Program Name	Year Started	Tonnage
Scrap Metal ▼	Drop-off centers	1996	1546
Scrap Metal ▼	Government Source Reduction Programs	1996	150
Scrap Metal ▼	Scrap Metal	1996	154
Inert Solids ▼	Construction and Demolition	95/96/97	37857
Inert Solids ▼	#5098	2001	10503
Inert Solids ▼	#43	1990	~0.18

b. If the diversion program started before January 1, 1990 - and if documentation on the program and waste type has not been approved by the Board - on a separate sheet marked "Attachment 10b", provide the documentation that indicates:

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion (PRC sec. 41781.2 [c] [1]).
- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. **Note:** this criterion is applicable to the entire jurisdiction, not to individual programs (PRC sec. 41781.2 [c] [2]). Please include documentation.
- That the jurisdiction is implementing, and will continue to implement, the diversion programs in its source reduction and recycling element.

Note: *If documentation for a waste type and program has already been approved by the Board, you do not have to provide an attachment 10b for that waste type and program.*

Instead please provide date of Board approval of previously submitted information. _____ (Date)

If documentation is not available, go to 10d.

c. If the diversion program started before January 1, 1990, and the documentation requested in 10b is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Type	Specific Program Name	New Base Year or Reporting Year Diversion Tonnage
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		

d. If the diversion program started before January 1, 1990, and the documentation requested in 10b is not available, please complete the table below for each program claimed. **Note:** *Only the difference between the new base year/reporting year and 1990 can be counted in the diversion rate calculation.*

Restricted Waste Type	Specific Program Name	New Base Year or Reporting Year Tonnage	1990 Diversion Tonnage	Difference
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				

Section 10 a.

Additional programs having restricted waste, counted in business audits.

Restricted Waste Type	Specific program name	Start Date	Tonnage
Inert Solids	#3586	2000	104.28
Scrap Metal	#441	1997	30.00
Scrap Metal	#441	1997	120.00
Scrap Metal	#7020	1992	217.00
Scrap Metal	#7020	1992	3.00
Scrap Metal	#3075	1995	180.00
Scrap Metal	#3837	1995	156.43
Scrap Metal	#1608	1995	108.72
Scrap Metal	#13458	2001	48.00
Scrap Metal	#8846	1992	0.60
Scrap Metal	#8846	1992	45.56
Scrap Metal	#8846	1992	2.70
Scrap Metal	#4367	1996	1.20
Scrap Metal	#504	2000	0.03
Scrap Metal	#12997	2000	35.43
Scrap Metal	#8184	1991	27.18
Scrap Metal	#3719	1990	10.00
Scrap Metal	#5253	2000	8.00
Scrap Metal	#5253	2000	4.00
Inert Solids	#204	1992	10.00
Scrap Metal	#12893	1997	7.50
Scrap Metal	#17344	2002	0.05
Scrap Metal	#17344	2002	0.05
Scrap Metal	#9002	2000	0.45
Scrap Metal	#11730	2001	0.15
Inert Solids	#496	1991	6,668.07
Inert Solids	NA (excavator)	2002	10,120.62

Survey/Audit Identification Number	Material Type (Example - cardboard, glass, plastic, etc.)	Specific Conversion Factor and Source	Source Reduction (Tons)	Recycling (Tons)	Composting (Tons)	Total Tons
516	5411-Grocery Stores	Recycling Uncoated Corrugated Cardboard	See original spreadsheet submitted by City	0.00	488.59 244.30	488.59 244.30
516	5411-Grocery Stores	Recycling Film Plastic	See original spreadsheet submitted by City	0.00	15.08 7.54	15.08 7.54
516	5411-Grocery Stores	Recycling Composting Food	See original spreadsheet submitted by City	0.00	13958.64 0.00	13958.64 133.85
516	5411-Grocery Stores	Source Reduction Food	See original spreadsheet submitted by City	2.60	0.00	2.60
516	5411-Grocery Stores	Recycling Food	See original spreadsheet submitted by City	0.00	60.32 30.16	60.32 30.16
Subtotal -			2.60	14522.63 282.00	0.00 133.85	14525.23 418.45
43	5199-Nondurable goods, n.e.c.	Source Reduction E-Waste Primarily Plastic	See original spreadsheet submitted by City	0.42 0.19	0.00	0.42 0.19
43	5199-Nondurable goods, n.e.c.	Recycling Newspaper	See original spreadsheet submitted by City	0.00	840.00 0.00	840.00 0.00
43	5199-Nondurable goods, n.e.c.	Recycling Uncoated Corrugated Cardboard	See original spreadsheet submitted by City	0.00	57.96 0.00	57.96 0.00
		Recycling Remainder/Composite Plastic (toner cartridges)	See original spreadsheet submitted by City	0.00	0.13	0.13
43	5199-Nondurable goods, n.e.c.	Recycling Film Plastic	See original spreadsheet submitted by City	0.00	3.00 1.67	3.00 1.67
43	5199-Nondurable goods, n.e.c.	Wood Pallet reuse	42 pounds per pallet (per business contact)	0.00 0.63	0.00	0.00 0.63
43	5199-Nondurable goods, n.e.c.	Recycling Other ferrous metals	See original spreadsheet submitted by City	0.00	0.00 0.18	0.00 0.18
Subtotal -			0.42 0.82	904.09 1.98	0.00	904.51 2.80
502	4-Wholesale trade-nondurable g	Source Reduction Office White Ledger	See original spreadsheet submitted by City	0.00	0.00	0.00
502	4-Wholesale trade-nondurable g	Source Reduction Wood Pallets	See original spreadsheet submitted by City	834.29 64.00	0.00	834.29 64.00
502	4-Wholesale trade-nondurable g	Recycling Wood Pallets	See original spreadsheet submitted by City	0.00	0.00	0.00 24.00
Subtotal -			835.07 88.78	0.00	0.00	835.07 88.78
2961	5411-Grocery Stores	Recycling Uncoated Corrugated Cardboard	See original spreadsheet submitted by City	0.00	488.59 244.30	488.59 244.30
2961	5411-Grocery Stores	Recycling Film Plastic	See original spreadsheet submitted by City	0.00	15.08 7.54	15.08 7.54
2961	5411-Grocery Stores	Recycling Composting Food	See original spreadsheet submitted by City	0.00	267.70 0.00	267.70 133.85
2961	5411-Grocery Stores	Recycling Food	See original spreadsheet submitted by City	0.00	60.32 30.16	60.32 30.16
Subtotal -			0.00	831.69 282.00	0.00 133.85	831.69 415.85
16602	5411-Grocery Stores	Recycling Uncoated Corrugated Cardboard	See original spreadsheet submitted by City	0.00	340.25	340.25
16602	5411-Grocery Stores	Material Exchange Food	See original spreadsheet submitted by City	6.57	0.00	6.57
16602	5411-Grocery Stores	Recycling Uncoated Corrugated Cardboard	See original spreadsheet submitted by City	0.00	25.81	25.81
16602	5411-Grocery Stores	Recycling Film Plastic	See original spreadsheet submitted by City	0.00	3.77	3.77
		Recycling Remainder/Composite Organic (wooden pallets)	See original spreadsheet submitted by City	0.00	0.26	0.26
16602	5411-Grocery Stores	Material Exchange Food	See original spreadsheet submitted by City	9.13	0.00	9.13
16602	5411-Grocery Stores	Recycling Other Office Paper	See original spreadsheet submitted by City	0.00	0.55	0.55
16602	5411-Grocery Stores	Recycling Composting Food	See original spreadsheet submitted by City	0.00	426.58 0.00	426.58
Subtotal -			15.70	767.22 340.64	0.00 426.58	782.92
10153	5411-Grocery Stores	Recycling Uncoated Corrugated Cardboard	See original spreadsheet submitted by City	0.00	683.00	683.00
10153	5411-Grocery Stores	Recycling Film Plastic	See original spreadsheet submitted by City	0.00	0.05	0.05
10153	5411-Grocery Stores	Source Reduction Wood Pallets	See original spreadsheet submitted by City	6.26 0.60	0.00	6.26 0.60
10153	5411-Grocery Stores	Material Exchange Textiles	See original spreadsheet submitted by City	2.35	0.00	2.35
10153	5411-Grocery Stores	Material Exchange Food	See original spreadsheet submitted by City	36.50	0.00	36.50
10153	5411-Grocery Stores	Recycling Other Miscellaneous Paper	See original spreadsheet submitted by City	0.00	5.57	5.57
Subtotal -			45.11 39.45	688.62	0.00	733.73 728.07
8075	5099-Durable goods, n.e.c.	Recycling Tires	See original spreadsheet submitted by City	0.00	104.29 0.00	104.29 0.00
8075	5099-Durable goods, n.e.c.	Recycling Uncoated Corrugated Cardboard	See original spreadsheet submitted by City	0.00	422.36	422.36
8075	5099-Durable goods, n.e.c.	Material exchange Food	See original spreadsheet submitted by City	6.52	0.00	6.52
8075	5099-Durable goods, n.e.c.	Material exchange Food	See original spreadsheet submitted by City	5.48	0.00	5.48
8075	5099-Durable goods, n.e.c.	Recycling Film plastic	See original spreadsheet submitted by City	0.00	1.18	1.18
Subtotal -			12.00	527.83 423.54	0.00	435.54
3586	99-Special trade contractors, n.e.c.	Recycling Prunings and trimmings	See original spreadsheet submitted by City	0.00	7.29	7.29
		Source reduction Remainder/composite plastic (toner cartridges)	See original spreadsheet submitted by City	0.03	0.00	0.03
3586	99-Special trade contractors, n.e.c.	Source reduction Office white ledger	See original spreadsheet submitted by City	0.13	0.00	0.13
3586	99-Special trade contractors, n.e.c.	Reuse Concrete	See original spreadsheet submitted by City	16.70 0.00	0.00	16.70 0.00
3586	99-Special trade contractors, n.e.c.	Reuse Uncoated corrugated cardboard	See original spreadsheet submitted by City	0.09	0.00	0.09
3586	99-Special trade contractors, n.e.c.	Reuse Rock, soil and fines	See original spreadsheet submitted by City	410.40 104.28	0.00	410.40 104.28
Subtotal -			427.36 104.53	7.29 0.00	0.00 7.29	434.64 111.82
7312	5411-Grocery Stores	Source reduction Office white ledger	See original spreadsheet submitted by City	0.26	0.00	0.26
		Recycling Remainder/composite plastic (toner cartridges)	See original spreadsheet submitted by City	0.00	0.01	0.01
7312	5411-Grocery Stores	Source reduction food	See original spreadsheet submitted by City	26.07	0.00	26.07
7312	5411-Grocery Stores	Recycling Misc. plastic containers	See original spreadsheet submitted by City	0.00	7.82	7.82
7312	5411-Grocery Stores	Recycling Remainder/composite paper	See original spreadsheet submitted by City	0.00	78.21	78.21
7312	5411-Grocery Stores	Recycling Wood pallets	See original spreadsheet submitted by City	0.00	2.09	2.09
7312	5411-Grocery Stores	Source reduction Wood pallets	See original spreadsheet submitted by City	5.21 0.50	0.00	5.21 0.50
7312	5411-Grocery Stores	Source reduction Food	See original spreadsheet submitted by City	4.00	0.00	4.00
7312	5411-Grocery Stores	Recycling Uncoated corrugated cardboard	See original spreadsheet submitted by City	0.00	286.79	286.79
7312	5411-Grocery Stores	Recycling Food (bone & fat)	See original spreadsheet submitted by City	0.00	9.13	9.13
Subtotal -			32.54 27.83	384.05	0.00	416.59 411.88
7625	5411-Grocery Stores	Recycling Wood pallets	See original spreadsheet submitted by City	0.00	2.09	2.09
7625	5411-Grocery Stores	Recycling Remainder/composite paper	See original spreadsheet submitted by City	0.00	78.21	78.21
7625	5411-Grocery Stores	Source reduction Wood pallets	See original spreadsheet submitted by City	5.21 0.50	0.00	5.21 0.50
7625	5411-Grocery Stores	Recycling Misc. plastic containers	See original spreadsheet submitted by City	0.00	7.82	7.82
7625	5411-Grocery Stores	Source reduction Office white ledger	See original spreadsheet submitted by City	0.26	0.00	0.26
7625	5411-Grocery Stores	Recycling Food (bone & fat)	See original spreadsheet submitted by City	0.00	9.13	9.13
		Source reduction Remainder/composite plastic (toner cartridges)	See original spreadsheet submitted by City	0.01	0.00	0.01
7625	5411-Grocery Stores	Recycling Uncoated corrugated cardboard	See original spreadsheet submitted by City	0.00	286.79	286.79
7625	5411-Grocery Stores	Source reduction Food	See original spreadsheet submitted by City	26.07	0.00	26.07
7625	5411-Grocery Stores	Source reduction Food	See original spreadsheet submitted by City	1.00	0.00	1.00

Business Board Meeting
August 19, 2005

Business Audit Division for the City of Redding

Agenda Item 19
Attachment 2b

Survey/Audit Identification Number	Material Type (Example - cardboard, glass, plastic, etc.)	Specific Conversion Factor and Source	Source Reduction (Tons)	Recycling (Tons)	Composting (Tons)	Total Tons
Subtotal -			32.55 27.84	384.04	0.00	416.59 411.88
3014	5411-Grocery Stores	Recycling Film plastic	See original spreadsheet submitted by City	0.00	20.53	20.53
3014	5411-Grocery Stores	Recycling Uncoated corrugated cardboard	See original spreadsheet submitted by City	0.00	365.00	365.00
Subtotal -			0.00	385.53	0.00	385.53
441	9-Miscellaneous retail stores, n	Source reduction Other non-ferrous metals	See original spreadsheet submitted by City	30.00	0.00	30.00
441	9-Miscellaneous retail stores, n	Recycling Remainder/composite household hazardous	See original spreadsheet submitted by City	0.00	6.00 0.00	6.00 0.00
441	9-Miscellaneous retail stores, n	Recycling Durable plastic items	See original spreadsheet submitted by City	0.00	2.61	2.61
441	9-Miscellaneous retail stores, n	Recycling Remainder/composite plastic	See original spreadsheet submitted by City	0.00	100.00	100.00
441	9-Miscellaneous retail stores, n	Source reduction Remainder/composite organic (wooden crates)	See original spreadsheet submitted by City	6.00 0.50	0.00	6.00 0.50
441	9-Miscellaneous retail stores, n	Recycling Uncoated corrugated cardboard	See original spreadsheet submitted by City	0.00	26.07	26.07
441	9-Miscellaneous retail stores, n	Source reduction Office white ledger	See original spreadsheet submitted by City	0.26	0.00	0.26
441	9-Miscellaneous retail stores, n	Recycling Other ferrous metals	See original spreadsheet submitted by City	0.00	0.00 120.00	0.00 120.00
Subtotal -			36.26 30.76	433.68 248.68	0.00	469.94 279.44
3626	General Medical and Surgical H	Source reduction Textiles	See original spreadsheet submitted by City	0.22	0.00	0.22
3626	General Medical and Surgical H	Recycling Wood pallets	See original spreadsheet submitted by City	0.00	36.50	36.50
3626	General Medical and Surgical H	Recycling Uncoated corrugated cardboard	See original spreadsheet submitted by City	0.00	135.00	135.00
3626	General Medical and Surgical H	Recycling Other miscellaneous paper	See original spreadsheet submitted by City	0.00	74.87	74.87
Subtotal -			0.22	246.37	0.00	246.59
1406	5311-Department Stores	Source reduction Remainder/composite plastic (toner cartridges)	See original spreadsheet submitted by City	0.38	0.00	0.38
1406	5311-Department Stores	Source reduction Office white ledger	See original spreadsheet submitted by City	0.13	0.00	0.13
1406	5311-Department Stores	Recycling Film plastic	See original spreadsheet submitted by City	0.00	5.21	5.21
1406	5311-Department Stores	Source reduction Textiles	See original spreadsheet submitted by City	0.10	0.00	0.10
1406	5311-Department Stores	Recycling Remainder/composite plastic (hangers)	See original spreadsheet submitted by City	0.00	4.89	4.89
1406	5311-Department Stores	Recycling Tires	See original spreadsheet submitted by City	0.00	45.00 0.00	45.00 0.00
1406	5311-Department Stores	Recycling Uncoated corrugated cardboard	See original spreadsheet submitted by City	0.00	187.74 0.00	187.74 0.00
Subtotal -			0.61	242.81 10.10	0.00	243.42 10.71
7020	9-Miscellaneous retail stores, n	Source reduction Office white ledger	See original spreadsheet submitted by City	0.05	0.00	0.05
7020	9-Miscellaneous retail stores, n	Source reduction Wood pallets	See original spreadsheet submitted by City	0.80 4.00	0.00	0.80 4.00
7020	9-Miscellaneous retail stores, n	Recycling Other ferrous metals	See original spreadsheet submitted by City	0.00 0.00	0.00 217.00	0.00 217.00
7020	9-Miscellaneous retail stores, n	Recycling Other non-ferrous metals	See original spreadsheet submitted by City	0.00	0.00 3.00	0.00 3.00
Subtotal -			0.85 4.05	0.00 220.00	0.00	0.85 224.05
4960	ellaneous General Merchandi	Source reduction Wood pallets	See original spreadsheet submitted by City	4.17 0.40	0.00	4.17 0.40
4960	ellaneous General Merchandi	Source reduction Office white ledger	See original spreadsheet submitted by City	0.39	0.00	0.39
4960	ellaneous General Merchandi	Recycling Uncoated corrugated cardboard	See original spreadsheet submitted by City	0.00	216.00 0.00	216.00 0.00
Subtotal -			4.56 0.79	216.00 0.00	0.00 0.00	220.56 0.79
9003	8200-Educational services	Material exchange Wood pallets	See original spreadsheet submitted by City	0.26 0.11	0.00	0.26 0.11
9003	8200-Educational services	Source reduction Remainder/composite plastic (toner cartridges)	See original spreadsheet submitted by City	0.15	0.00	0.15
9003	8200-Educational services	Material exchange Textiles	See original spreadsheet submitted by City	0.68	0.00	0.68
9003	8200-Educational services	Source reduction Leaves and grass (grasscycling)	See original spreadsheet submitted by City	182.50 182.00	0.00	182.50 182.00
9003	8200-Educational services	Recycling Food (grease)	See original spreadsheet submitted by City	0.00	1.45	1.45
Subtotal -			183.59 182.94	1.45	0.00	185.04 184.39
3075	9-Miscellaneous retail stores, n	Recycling Other ferrous metals	See original spreadsheet submitted by City	0.00	0.00 180.00	0.00 180.00
Subtotal -			0.00	0.00 180.00	0.00	0.00 180.00
622	5141-Groceries, general line	Source reduction Durable plastic items	See original spreadsheet submitted by City	0.38	0.00	0.38
622	5141-Groceries, general line	Source reduction Wood pallets	See original spreadsheet submitted by City	62.67 6.00	0.00	62.67 6.00
622	5141-Groceries, general line	Source reduction Office white ledger	See original spreadsheet submitted by City	1.30	0.00	1.30
622	5141-Groceries, general line	Recycling Wood pallets	See original spreadsheet submitted by City	0.00	104.29	104.29
622	5141-Groceries, general line	Source reduction Food	See original spreadsheet submitted by City	1.00	0.00	1.00
Subtotal -			65.25 8.68	104.29	0.00	169.54 112.97
506	5311-Department Stores	Recycling Uncoated corrugated cardboard	See original spreadsheet submitted by City	0.00	93.86	93.86
506	5311-Department Stores	Source reduction Wood pallets	See original spreadsheet submitted by City	20.86 2.00	0.00	20.86 2.00
506	5311-Department Stores	Source reduction Office white ledger	See original spreadsheet submitted by City	0.26	0.00	0.26
506	5311-Department Stores	Recycling Remainder/composite plastic (hangers)	See original spreadsheet submitted by City	0.00	52.14	52.14
Subtotal -			21.12 2.26	146.00	0.00	167.12 148.26
3837	9-Miscellaneous retail stores, n	Source reduction Remainder/composite plastic	See original spreadsheet submitted by City	0.02	0.00	0.02
3837	9-Miscellaneous retail stores, n	Reuse Other office paper	See original spreadsheet submitted by City	0.52	0.00	0.52
3837	9-Miscellaneous retail stores, n	Source reduction Office white ledger	See original spreadsheet submitted by City	0.60	0.00	0.60
3837	9-Miscellaneous retail stores, n	Recycling Other ferrous metals	See original spreadsheet submitted by City	0.00	0.00 156.43	0.00 156.43
Subtotal -			1.14	0.00 156.43	0.00	1.14 157.57
11390	5411-Grocery Stores	Recycling Uncoated corrugated cardboard	See original spreadsheet submitted by City	0.00	139.12	139.12
11390	5411-Grocery Stores	Recycling Remainder/composite paper	See original spreadsheet submitted by City	0.00	10.43	10.43
11390	5411-Grocery Stores	Recycling Film plastic	See original spreadsheet submitted by City	0.00	2.20	2.20
11390	5411-Grocery Stores	Recycling Other office paper	See original spreadsheet submitted by City	0.00	0.30	0.30
Subtotal -			0.00	152.05	0.00	152.05
2454	5411-Grocery Stores	Recycling Remainder/composite paper	See original spreadsheet submitted by City	0.00	10.43	10.43
2454	5411-Grocery Stores	Recycling Other office paper	See original spreadsheet submitted by City	0.00	0.30	0.30
2454	5411-Grocery Stores	Recycling Uncoated corrugated cardboard	See original spreadsheet submitted by City	0.00	139.12	139.12
2454	5411-Grocery Stores	Recycling Film plastic	See original spreadsheet submitted by City	0.00	2.20	2.20
Subtotal -			0.00	152.05	0.00	152.05
11324	5411-Grocery Stores	Recycling Film plastic	See original spreadsheet submitted by City	0.00	2.20	2.20

Business Board Meeting

Business Audit Diversion for the City of Redding

Agenda Item 19
Attachment 2b

Survey/Audit August 19, 2005

Survey/Audit Identification Number	Business Type (Example - grocery store, retail, manufacturer) 1/	Material Type (Example - cardboard, glass, plastic, etc.)	Specific Conversion Factor and Source	Source Reduction (Tons)	Recycling (Tons)	Composting (Tons)	Total Tons
11324	5411-Grocery Stores	Recycling Remainder/composite paper	See original spreadsheet submitted by City	0.00	10.43	0.00	10.43
11324	5411-Grocery Stores	Recycling Uncoated corrugated cardboard	See original spreadsheet submitted by City	0.00	139.12	0.00	139.12
11324	5411-Grocery Stores	Recycling Other office paper	See original spreadsheet submitted by City	0.00	0.30	0.00	0.30
Subtotal -				0.00	152.05	0.00	152.05
12965	ber and Other Building Material	Source reduction Office white ledger	See original spreadsheet submitted by City	0.13	0.00	0.00	0.13
12965	ber and Other Building Material	Recycling Uncoated corrugated cardboard	See original spreadsheet submitted by City	0.00	140.79 0.00	0.00	140.79 0.00
12965	ber and Other Building Material	Material exchange Lumber	See original spreadsheet submitted by City	4.04	0.00	0.00	4.04
12965	ber and Other Building Material	Material exchange Bulky items	See original spreadsheet submitted by City	1.00	0.00	0.00	1.00
Subtotal -				5.17	140.79 0.00	0.00	145.96 5.17
4851	cellaneous General Merchandi	Source reduction Wood pallets	See original spreadsheet submitted by City	4.47 0.40	0.00	0.00	4.47 0.40
4851	cellaneous General Merchandi	Recycling Film plastic	See original spreadsheet submitted by City	0.00	28.28	0.00	28.28
4851	cellaneous General Merchandi	Recycling Uncoated corrugated cardboard	See original spreadsheet submitted by City	0.00	97.77 0.00	0.00	97.77 0.00
4851	cellaneous General Merchandi	Source reduction Office white ledger	See original spreadsheet submitted by City	0.13 0.13	0.00	0.00	0.13
Subtotal -				4.39 0.53	126.05 28.28	0.00	130.36 28.81
2476	5411-Grocery Stores	Recycling Uncoated corrugated cardboard	See original spreadsheet submitted by City	0.00	115.00	0.00	115.00
Subtotal -				0.00	115.00	0.00	115.00
1608	Roofing, Siding and Sheet Meta	Source reduction Leaves and grass (grasscycling)	See original spreadsheet submitted by City	0.15	0.00	0.00	0.15
1608	Roofing, Siding and Sheet Meta	Source reduction Office white ledger	See original spreadsheet submitted by City	0.03	0.00	0.00	0.03
1608	Roofing, Siding and Sheet Meta	Recycling Other ferrous metals	See original spreadsheet submitted by City	0.00	0.00 108.72	0.00	0.00 108.72
Subtotal -				0.18	0.00 108.72	0.00	0.18 108.90
1366	cellaneous General Merchandi	Recycling Uncoated corrugated cardboard	See original spreadsheet submitted by City	0.00	104.29 0.00	0.00	104.29 0.00
1366	cellaneous General Merchandi	Material exchange Food	See original spreadsheet submitted by City	2.61	0.00	0.00	2.61
1366	cellaneous General Merchandi	Source reduction Other office paper	See original spreadsheet submitted by City	0.21	0.00	0.00	0.21
1366	cellaneous General Merchandi	Recycling Other office paper	See original spreadsheet submitted by City	0.00	0.66 0.00	0.00	0.66 0.00
1366	cellaneous General Merchandi	Material exchange Bulky items	See original spreadsheet submitted by City	0.52	0.00	0.00	0.52
Subtotal -				3.34	104.95 0.00	0.00	108.29 3.34
13337	9-Miscellaneous retail stores, n	Source reduction Remainder/composite plastic (toner cartridges)	See original spreadsheet submitted by City	0.03	0.00	0.00	0.03
13337	9-Miscellaneous retail stores, n	Source reduction Food (Fats/Grease)	See original spreadsheet submitted by City	1.49	0.00	0.00	1.49
		Source reduction Other miscellaneous paper (paper sacks)	See original spreadsheet submitted by City	57.50	0.00	0.00	57.50
13337	9-Miscellaneous retail stores, n	Source reduction HDPE containers	See original spreadsheet submitted by City	0.03	0.00	0.00	0.03
13337	9-Miscellaneous retail stores, n	Recycling Wood pallets	See original spreadsheet submitted by City	0.00	10.00	0.00	10.00
13337	9-Miscellaneous retail stores, n	Source reduction Food	See original spreadsheet submitted by City	35.00	0.00	0.00	35.00
Subtotal -				94.05	10.00	0.00	104.05
14862	5311-Department Stores	Recycling Uncoated corrugated cardboard	See original spreadsheet submitted by City	0.00	97.77	0.00	97.77
14862	5311-Department Stores	Source reduction Remainder/composite plastic	See original spreadsheet submitted by City	0.08	0.00	0.00	0.08
Subtotal -				0.08	97.77	0.00	97.85
13650	ices and Clinics of Doctors of N	Source reduction Food (Fats)	See original spreadsheet submitted by City	9.03	0.00	0.00	9.03
13650	ices and Clinics of Doctors of N	Material exchange E-Waste primarily plastic	See original spreadsheet submitted by City	4.39 0.64	0.00	0.00	4.39 0.64
13650	ices and Clinics of Doctors of N	Source reduction Durable plastic items	See original spreadsheet submitted by City	0.09	0.00	0.00	0.09
		Source reduction Uncoated corrugated cardboard	See original spreadsheet submitted by City	22.08	0.00	0.00	22.08
13650	ices and Clinics of Doctors of N	Recycling Other office paper	See original spreadsheet submitted by City	0.00	27.63	0.00	27.63
13650	ices and Clinics of Doctors of N	Reuse Textiles	See original spreadsheet submitted by City	0.51	0.00	0.00	0.51
Subtotal -				33.10 32.35	27.63	0.00	60.73 59.98
3555	99-Primary metal products, n.e	Reuse Uncoated corrugated cardboard	See original spreadsheet submitted by City	5.74	0.00	0.00	5.74
		Source reduction Remainder/composite plastic (toner cartridges)	See original spreadsheet submitted by City	0.08	0.00	0.00	0.08
3555	99-Primary metal products, n.e	Recycling Wood pallets	See original spreadsheet submitted by City	0.00	6.00	0.00	6.00
		Source reduction Uncoated corrugated cardboard	See original spreadsheet submitted by City	4.73	0.00	0.00	4.73
3555	99-Primary metal products, n.e	Reuse Remainder/composite plastic (grindings & trim)	See original spreadsheet submitted by City	26.07	0.00	0.00	26.07
3555	99-Primary metal products, n.e	Recycling Uncoated corrugated cardboard	See original spreadsheet submitted by City	0.00	8.00	0.00	8.00
3555	99-Primary metal products, n.e	Source reduction Wood pallets	See original spreadsheet submitted by City	6.24 0.50	0.00	0.00	6.24 0.50
3555	99-Primary metal products, n.e	Source reduction Film plastic	See original spreadsheet submitted by City	0.39	0.00	0.00	0.39
Subtotal -				42.22 37.51	14.00	0.00	56.22 51.51
13458	9-Miscellaneous retail stores, n	Source reduction Remainder/composite organic (wood scrap reuse)	See original spreadsheet submitted by City	7.91	0.00	0.00	7.91
13458	9-Miscellaneous retail stores, n	Recycling Other ferrous metals	See original spreadsheet submitted by City	9.99 48.00	0.00	0.00	9.99 48.00
Subtotal -				7.91 55.91	0.00	0.00	7.91 55.91
7229	945-Hobby, toy, and game shop	Recycling Uncoated corrugated cardboard	See original spreadsheet submitted by City	0.00	15.40	0.00	15.40
7229	945-Hobby, toy, and game shop	Recycling Uncoated corrugated cardboard	See original spreadsheet submitted by City	0.00	35.00	0.00	35.00
7229	945-Hobby, toy, and game shop	Source reduction Office white ledger	See original spreadsheet submitted by City	0.30	0.00	0.00	0.30
7229	945-Hobby, toy, and game shop	Source reduction Office white ledger	See original spreadsheet submitted by City	0.03	0.00	0.00	0.03
Subtotal -				0.33	50.40	0.00	50.73
8846	99-Primary metal products, n.e	Reuse Other ferrous metals	See original spreadsheet submitted by City	0.60	0.00	0.00	0.60
8846	99-Primary metal products, n.e	Source reduction Remainder/composite plastic	See original spreadsheet submitted by City	0.02	0.00	0.00	0.02
8846	99-Primary metal products, n.e	Material exchange E-Waste primarily plastic	See original spreadsheet submitted by City	0.04 0.02	0.00	0.00	0.04 0.02
8846	99-Primary metal products, n.e	Source reduction Office white ledger	See original spreadsheet submitted by City	0.30	0.00	0.00	0.30
8846	99-Primary metal products, n.e	Source reduction Other ferrous metals	See original spreadsheet submitted by City	2.70	0.00	0.00	2.70
8846	99-Primary metal products, n.e	Source reduction Office white ledger	See original spreadsheet submitted by City	0.03	0.00	0.00	0.03
8846	99-Primary metal products, n.e	Recycling Other ferrous metals	See original spreadsheet submitted by City	0.00	9.99 25.31	0.00	9.99 25.31
Subtotal -				3.69 3.67	0.00 25.31	0.00	3.69 28.98

Board Meeting

August 16-17, 2005

Business Audit Diversion for the City of Redding

Agenda Item 19

Attachment 2b

Business Survey/Audit Identification Number	Business Type (Example - grocery store, retail, manufacturer) 1/	Material Type (Example - cardboard, glass, plastic, etc.)	Specific Conversion Factor and Source	Source Reduction (Tons)	Recycling (Tons)	Composting (Tons)	Total Tons
7693	5311-Department Stores	Source reduction Office white ledger	See original spreadsheet submitted by City	0.05	0.00	0.00	0.05
7693	5311-Department Stores	Source reduction Remainder/composite plastic (toner cartridges)	See original spreadsheet submitted by City	0.07	0.00	0.00	0.07
7693	5311-Department Stores	Recycling Uncoated corrugated cardboard	See original spreadsheet submitted by City	0.00	26.11	0.00	26.11
7693	5311-Department Stores	Recycling Remainder/composite plastic (hangers)	See original spreadsheet submitted by City	0.00	16.29 0.31	0.00	16.29 0.31
7693	5311-Department Stores	Recycling Film plastic	See original spreadsheet submitted by City	0.00	4.48	0.00	4.48
Subtotal -				0.12	46.88 30.90	0.00	47.00 31.02
4367	9-Miscellaneous retail stores, n	Reuse Other office paper	See original spreadsheet submitted by City	1.32	0.00	0.00	1.32
4367	9-Miscellaneous retail stores, n	Reuse Newspaper	See original spreadsheet submitted by City	0.39	0.00	0.00	0.39
4367	9-Miscellaneous retail stores, n	Reuse Remainder/composite plastic	See original spreadsheet submitted by City	0.08	0.00	0.00	0.08
4367	9-Miscellaneous retail stores, n	Recycling Uncoated corrugated cardboard	See original spreadsheet submitted by City	0.00	31.29	0.00	31.29
4367	9-Miscellaneous retail stores, n	Reuse Uncoated corrugated cardboard	See original spreadsheet submitted by City	2.87	0.00	0.00	2.87
4367	9-Miscellaneous retail stores, n	Reuse Film plastic	See original spreadsheet submitted by City	0.10	0.00	0.00	0.10
4367	9-Miscellaneous retail stores, n	Reuse Other ferrous metals	See original spreadsheet submitted by City	1.20	0.00	0.00	1.20
4367	9-Miscellaneous retail stores, n	Reuse Remainder/composite plastic	See original spreadsheet submitted by City	0.52	0.00	0.00	0.52
4367	9-Miscellaneous retail stores, n	Reuse Remainder/composite plastic	See original spreadsheet submitted by City	0.08	0.00	0.00	0.08
4367	9-Miscellaneous retail stores, n	Source reduction Leaves and grass (grasscycling)	See original spreadsheet submitted by City	3.56	0.00	0.00	3.56
4367	9-Miscellaneous retail stores, n	Reuse Remainder/composite organic	See original spreadsheet submitted by City	0.60	0.00	0.00	0.60
4367	9-Miscellaneous retail stores, n	Source reduction Office white ledger	See original spreadsheet submitted by City	0.26	0.00	0.00	0.26
4367	9-Miscellaneous retail stores, n	Source reduction Wood pallets	See original spreadsheet submitted by City	0.07 6.00	0.00	0.00	0.07 6.00
Subtotal -				14.05 16.98	31.29	0.00	42.34 48.27
504	0800-Forestry	Recycling Uncoated corrugated cardboard	See original spreadsheet submitted by City	0.00	14.25	0.00	14.25
504	0800-Forestry	Source reduction Remainder/composite plastic (toner cartridge)	See original spreadsheet submitted by City	0.06	0.00	0.00	0.06
504	0800-Forestry	Source reduction Leaves and grass (grasscycling)	See original spreadsheet submitted by City	22.81	0.00	0.00	22.81
504	0800-Forestry	Recycling Other non-ferrous metals	See original spreadsheet submitted by City	0.00	0.00 0.03	0.00	0.00 0.03
Subtotal -				22.87	14.25 14.28	0.00	37.12 37.15
1229	499-Miscellaneous Food Store	Material exchange Food	See original spreadsheet submitted by City	0.50	0.00	0.00	0.50
1229	499-Miscellaneous Food Store	Source reduction Wood pallets	See original spreadsheet submitted by City	4.89 2.00	0.00	0.00	4.89 2.00
1229	499-Miscellaneous Food Store	Scavenging Wood pallets	See original spreadsheet submitted by City	0.00	12.00	0.00	12.00
1229	499-Miscellaneous Food Store	Reuse Durable plastic items	See original spreadsheet submitted by City	0.27	0.00	0.00	0.27
1229	499-Miscellaneous Food Store	Source reduction Office white ledger	See original spreadsheet submitted by City	0.03	0.00	0.00	0.03
1229	499-Miscellaneous Food Store	Source reduction Paper bags	See original spreadsheet submitted by City	11.47	0.00	0.00	11.47
1229	499-Miscellaneous Food Store	Reuse Film plastic	See original spreadsheet submitted by City	6.52	0.00	0.00	6.52
1229	499-Miscellaneous Food Store	Reuse Uncoated corrugated cardboard	See original spreadsheet submitted by City	1.50	0.00	0.00	1.50
Subtotal -				25.09 22.29	12.00	0.00	37.09 34.29
12997	Thumbing, Heating and Air Cond	Source reduction Uncoated corrugated cardboard	See original spreadsheet submitted by City	0.57	0.00	0.00	0.57
12997	Thumbing, Heating and Air Cond	Recycling Other ferrous metals	See original spreadsheet submitted by City	0.00	0.00 35.43	0.00	0.00 35.43
Subtotal -				0.57	0.00 35.43	0.00	0.57 36.00
8707	5141-Groceries, general line	Recycling Uncoated corrugated cardboard	See original spreadsheet submitted by City	0.00	35.20	0.00	35.20
8707	5141-Groceries, general line	Material exchange Bulky items	See original spreadsheet submitted by City	0.13	0.00	0.00	0.13
8707	5141-Groceries, general line	Source reduction Food	See original spreadsheet submitted by City	0.26	0.00	0.00	0.26
Subtotal -				0.39	35.20	0.00	35.59
10571	7389-Business services, n.e.c.	Recycling Wood pallets	See original spreadsheet submitted by City	0.00	7.20	0.00	7.20
10571	7389-Business services, n.e.c.	Source reduction Office white ledger	See original spreadsheet submitted by City	0.26	0.00	0.00	0.26
10571	7389-Business services, n.e.c.	Recycling Uncoated corrugated cardboard	See original spreadsheet submitted by City	0.00	20.86 0.00	0.00	20.86 0.00
10571	7389-Business services, n.e.c.	Source reduction Remainder/composite plastic (toner cartridge)	See original spreadsheet submitted by City	0.65	0.00	0.00	0.65
Subtotal -				0.91	28.06 7.20	0.00	28.97 8.11
9006	Electric, gas, and sanitary ser	Source reduction E-Waste primarily metal	See original spreadsheet submitted by City	4.39 0.64	0.00	0.00	4.39 0.64
9006	Electric, gas, and sanitary ser	Source reduction Office white ledger	See original spreadsheet submitted by City	0.98	0.00	0.00	0.98
9006	Electric, gas, and sanitary ser	Source reduction Remainder/composite organic (telephone poles)	See original spreadsheet submitted by City	20.00	0.00	0.00	20.00
9006	Electric, gas, and sanitary ser	Recycling Other office paper	See original spreadsheet submitted by City	0.00	0.38 0.00	0.00	0.38 0.00
9006	Electric, gas, and sanitary ser	Recycling Tires	See original spreadsheet submitted by City	0.00	1.20	0.00	1.20
9006	Electric, gas, and sanitary ser	Source reduction Remainder/composite plastic	See original spreadsheet submitted by City	0.20	0.00	0.00	0.20
9006	Electric, gas, and sanitary ser	Recycling Tires	See original spreadsheet submitted by City	0.00	4.80	0.00	4.80
Subtotal -				22.57 21.82	6.38 6.00	0.00	28.95 27.82
8184	ellaneous General Merchandi	Reuse Uncoated corrugated cardboard	See original spreadsheet submitted by City	0.69	0.00	0.00	0.69
8184	ellaneous General Merchandi	Source reduction Wood pallets	See original spreadsheet submitted by City	0.49 0.04	0.00	0.00	0.49 0.04
8184	ellaneous General Merchandi	Recycling Other ferrous metals	See original spreadsheet submitted by City	0.00	0.00 27.18	0.00	0.00 27.18
Subtotal -				0.79 0.73	0.00 27.18	0.00	0.79 27.91
6348	ellaneous General Merchandi	Recycling Uncoated corrugated cardboard	See original spreadsheet submitted by City	0.00	20.86	0.00	20.86
6348	ellaneous General Merchandi	Material exchange E-Waste primarily plastic (e.g., copier, fax)	See original spreadsheet submitted by City	4.56	0.00	0.00	4.56
6348	ellaneous General Merchandi	Recycling Aluminum cans	See original spreadsheet submitted by City	0.00	0.03 0.00	0.00	0.03 0.00
6348	ellaneous General Merchandi	Source reduction Office white ledger	See original spreadsheet submitted by City	0.07	0.00	0.00	0.07
Subtotal -				4.63	20.89 20.86	0.00	25.52 25.49
3719	99-Primary metal products, n.e	Reuse Remainder/composite organic (wooden shipping crates)	See original spreadsheet submitted by City	2.40	0.00	0.00	2.40
3719	99-Primary metal products, n.e	Material exchange E-Waste primarily plastic (fax machine)	See original spreadsheet submitted by City	0.01	0.00	0.00	0.01

Survey/Audit Identification Number	Material Type (Example - grocery store, retail, manufacturer) 1/	Material Type (Example - cardboard, glass, plastic, etc.)	Specific Conversion Factor and Source	Source Reduction (Tons)	Recycling (Tons)	Composting (Tons)	Total Tons
3719	99-Primary metal products, n.e.c.	Source reduction Remainder/composite plastic (toner cartridges)	See original spreadsheet submitted by City	0.02	0.00	0.00	0.02
3719	99-Primary metal products, n.e.c.	Source reduction Leaves and grass (grasscycling)	See original spreadsheet submitted by City	4.22 8.97	0.00	0.00	4.22 8.97
3719	99-Primary metal products, n.e.c.	Scavenging Remainder/composite organic (wood skids)	See original spreadsheet submitted by City	0.00	2.25	0.00	2.25
3719	99-Primary metal products, n.e.c.	Source reduction Durable plastic items	See original spreadsheet submitted by City	0.05	0.00	0.00	0.05
3719	99-Primary metal products, n.e.c.	Source reduction Office white ledger	See original spreadsheet submitted by City	5.00	0.00	0.00	5.00
3719	99-Primary metal products, n.e.c.	Reuse Durable plastic items	See original spreadsheet submitted by City	0.02	0.00	0.00	0.02
3719	99-Primary metal products, n.e.c.	Source reduction Uncoated corrugated cardboard	See original spreadsheet submitted by City	0.17	0.00	0.00	0.17
3719	99-Primary metal products, n.e.c.	Material exchange E-Waste primarily metal	See original spreadsheet submitted by City	0.04 0.02	0.00	0.00	0.04 0.02
3719	99-Primary metal products, n.e.c.	Reuse HDPE containers	See original spreadsheet submitted by City	0.04	0.00	0.00	0.04
3719	99-Primary metal products, n.e.c.	Reuse Office white ledger	See original spreadsheet submitted by City	0.13	0.00	0.00	0.13
3719	99-Primary metal products, n.e.c.	Scavenging Wood pallets	See original spreadsheet submitted by City	0.00	1.00	0.00	1.00
3719	99-Primary metal products, n.e.c.	Recycling Other ferrous metals	See original spreadsheet submitted by City	0.00	9.99 10.00	0.00	9.99 10.00
Subtotal -				12.10 16.83	3.25 13.25	0.00	15.35 30.08
4628	549-Automotive services, n.e.c.	Recycling Remainder/composite plastic (toner cartridges)	See original spreadsheet submitted by City	0.00	0.21	0.00	0.21
4628	549-Automotive services, n.e.c.	Source reduction Tires	See original spreadsheet submitted by City	12.72	0.00	0.00	12.72
4628	549-Automotive services, n.e.c.	Source reduction Tires	See original spreadsheet submitted by City	8.40	0.00	0.00	8.40
Subtotal -				21.12	0.21	0.00	21.33
6721	12-Local Trucking Without Storage	Recycling Wood pallets	See original spreadsheet submitted by City	0.00	20.00	0.00	20.00
Subtotal -				0.00	20.00	0.00	20.00
9326	5141-Groceries, general line	Reuse Uncoated corrugated cardboard	See original spreadsheet submitted by City	2.87	0.00	0.00	2.87
9326	5141-Groceries, general line	Source reduction Food	See original spreadsheet submitted by City	5.21	0.00	0.00	5.21
9326	5141-Groceries, general line	Reuse Uncoated corrugated cardboard	See original spreadsheet submitted by City	4.17	0.00	0.00	4.17
9326	5141-Groceries, general line	Reuse Uncoated corrugated cardboard	See original spreadsheet submitted by City	4.30	0.00	0.00	4.30
Subtotal -				16.55	0.00	0.00	16.55
4346	2499-Wood products, n.e.c.	Recycling Remainder/composite organic (sawdust)	See original spreadsheet submitted by City	0.00	14.06	0.00	14.06
4346	2499-Wood products, n.e.c.	Recycling Durable plastic items	See original spreadsheet submitted by City	0.00	1.50	0.00	1.50
Subtotal -				0.00	15.56	0.00	15.56
9473	99-Miscellaneous retail stores, n.e.c. (grocery store, retail, manufacturer) 1/	Source reduction Tires	See original spreadsheet submitted by City	0.60	0.00	0.00	0.60
9473	99-Miscellaneous retail stores, n.e.c. (grocery store, retail, manufacturer) 1/	Recycling Remainder/composite household hazardous	See original spreadsheet submitted by City	0.00	0.11 0.00	0.00	0.11 0.00
9473	99-Miscellaneous retail stores, n.e.c. (grocery store, retail, manufacturer) 1/	Recycling Batteries	See original spreadsheet submitted by City	0.00	0.24 0.00	0.00	0.24 0.00
9473	99-Miscellaneous retail stores, n.e.c. (grocery store, retail, manufacturer) 1/	Source reduction Prunings and trimmings	See original spreadsheet submitted by City	1.32	0.00	0.00	1.32
9473	99-Miscellaneous retail stores, n.e.c. (grocery store, retail, manufacturer) 1/	Source reduction Leaves and grass (grasscycling)	See original spreadsheet submitted by City	11.50 598.00	0.00	0.00	11.50 598.00
9473	99-Miscellaneous retail stores, n.e.c. (grocery store, retail, manufacturer) 1/	Source reduction Remainder/composite plastic	See original spreadsheet submitted by City	0.23	0.00	0.00	0.23
9473	99-Miscellaneous retail stores, n.e.c. (grocery store, retail, manufacturer) 1/	Source reduction Tires	See original spreadsheet submitted by City	0.45	0.00	0.00	0.45
9473	99-Miscellaneous retail stores, n.e.c. (grocery store, retail, manufacturer) 1/	Source reduction Office white ledger	See original spreadsheet submitted by City	0.09	0.00	0.00	0.09
9473	99-Miscellaneous retail stores, n.e.c. (grocery store, retail, manufacturer) 1/	Source reduction Food	See original spreadsheet submitted by City	0.13	0.00	0.00	0.13
Subtotal -				14.32 600.82	0.32 0.00	0.00	14.64 600.82
13498	31-Auto and Home Supply Stores	Recycling Uncoated corrugated cardboard	See original spreadsheet submitted by City	0.00	5.70	0.00	5.70
13498	31-Auto and Home Supply Stores	Material exchange Durable plastic items	See original spreadsheet submitted by City	0.03	0.00	0.00	0.03
13498	31-Auto and Home Supply Stores	Recycling Wood pallets	See original spreadsheet submitted by City	0.00	8.34	0.00	8.34
Subtotal -				0.03	14.04	0.00	14.07
5253	99-Special trade contractors, n.e.c.	Source reduction E-Waste other (copy machines)	See original spreadsheet submitted by City	0.05	0.00	0.00	0.05
5253	99-Special trade contractors, n.e.c.	Recycling Misc. plastic containers	See original spreadsheet submitted by City	0.00	1.49	0.00	1.49
5253	99-Special trade contractors, n.e.c.	Source reduction Remainder/composite plastic (toner cartridges)	See original spreadsheet submitted by City	0.02	0.00	0.00	0.02
5253	99-Special trade contractors, n.e.c.	Recycling Other ferrous metals	See original spreadsheet submitted by City	0.00	9.99 8.00	0.00	9.99 8.00
5253	99-Special trade contractors, n.e.c.	Recycling Other non-ferrous metals	See original spreadsheet submitted by City	0.00	0.00 4.00	0.00	0.00 4.00
Subtotal -				0.07	1.49 13.49	0.00 0.00	1.56 13.56
204	1531-Operative Builders	Source reduction Uncoated corrugated cardboard	See original spreadsheet submitted by City	0.22	0.00	0.00	0.22
204	1531-Operative Builders	Material exchange Concrete	See original spreadsheet submitted by City	10.00	0.00	0.00	10.00
Subtotal -				10.22	0.00	0.00	10.22
8016	12-Street Construction, Except Earthwork	Recycling Asphalt paving	See original spreadsheet submitted by City	0.00	0.00	0.00	0.00
Subtotal -				0.00	0.00	0.00	0.00
17046	9-Miscellaneous retail stores, n.e.c.	Reuse Remainder/composite plastic (regrind and reuse plastic parts)	See original spreadsheet submitted by City	7.82	0.00	0.00	7.82
17046	9-Miscellaneous retail stores, n.e.c.	Source reduction Office white ledger	See original spreadsheet submitted by City	0.13	0.00	0.00	0.13
Subtotal -				7.95	0.00	0.00	7.95
12893	9-Miscellaneous retail stores, n.e.c.	Source reduction Remainder/composite plastic (toner cartridges)	See original spreadsheet submitted by City	0.04	0.00	0.00	0.04
12893	9-Miscellaneous retail stores, n.e.c.	Source reduction Office white ledger	See original spreadsheet submitted by City	0.39	0.00	0.00	0.39
12893	9-Miscellaneous retail stores, n.e.c.	Recycling Other non-ferrous metals	See original spreadsheet submitted by City	0.00	9.99 7.50	0.00	9.99 7.50
Subtotal -				0.43	9.99 7.50	0.00	10.42 7.53
10359	9-Miscellaneous retail stores, n.e.c.	Recycling Wood pallets	See original spreadsheet submitted by City	0.00	7.20	0.00	7.20
10359	9-Miscellaneous retail stores, n.e.c.	Source reduction Office white ledger	See original spreadsheet submitted by City	0.07	0.00	0.00	0.07
Subtotal -				0.07	7.20	0.00	7.27
16396	9-Miscellaneous retail stores, n.e.c.	Source reduction Other office paper	See original spreadsheet submitted by City	0.66	0.00	0.00	0.66

Board Meeting

August 16-17, 2005

Business Audit Diversion for the City of Redding

Agenda Item 19

Attachment 2b

Business Survey/Audit Identification Number	Business Type (Example - grocery store, retail, manufacturer) <u>1</u>	Material Type (Example - cardboard, glass, plastic, etc.)	Specific Conversion Factor and Source	Source Reduction (Tons)	Recycling (Tons)	Composting (Tons)	Total Tons
16396	9-Miscellaneous retail stores, n	Source reduction Uncoated corrugated cardboard	See original spreadsheet submitted by City	5.02	0.00	0.00	5.02
16396	9-Miscellaneous retail stores, n	Source reduction Durable plastic items	See original spreadsheet submitted by City	0.12	0.00	0.00	0.12
Subtotal -				5.80	0.00	0.00	5.80
13109	499-Miscellaneous Food Store	Recycling Food	See original spreadsheet submitted by City	0.00	5.48	0.00	5.48
Subtotal -				0.00	5.48	0.00	5.48
3419	1751-Carpentry work	Material exchange Bulky items	See original spreadsheet submitted by City	2.61	0.00	0.00	2.61
3419	1751-Carpentry work	Source reduction Office white ledger	See original spreadsheet submitted by City	0.03	0.00	0.00	0.03
3419	1751-Carpentry work	Source reduction Durable plastic items	See original spreadsheet submitted by City	0.10	0.00	0.00	0.10
3419	1751-Carpentry work	Source reduction Office white ledger	See original spreadsheet submitted by City	0.03	0.00	0.00	0.03
3419	1751-Carpentry work	Source reduction Bulky items	See original spreadsheet submitted by City	0.05	0.00	0.00	0.05
3419	1751-Carpentry work	Source reduction Remainder/composite organic (wood scrap)	See original spreadsheet submitted by City	2.47	0.00	0.00	2.47
Subtotal -				5.29	0.00	0.00	5.29
627	ber and Other Building Material	Source reduction Office white ledger	See original spreadsheet submitted by City	0.26	0.00	0.00	0.26
627	ber and Other Building Material	Source reduction Wood pallets	See original spreadsheet submitted by City	4.17 0.40	0.00	0.00	4.17 0.40
Subtotal -				4.43 0.66	0.00	0.00	4.43 0.66
8275	9-Miscellaneous retail stores, n	Material exchange Food	See original spreadsheet submitted by City	3.84	0.00	0.00	3.84
Subtotal -				3.84	0.00	0.00	3.84
15137	5651-Family Clothing Stores	Source reduction Remainder/composite plastic (hangers)	See original spreadsheet submitted by City	3.75 0.31	0.00	0.00	3.75 0.31
Subtotal -				3.75 0.31	0.00	0.00	3.75 0.31
2558	ber and Other Building Material	Source reduction Other miscellaneous paper	See original spreadsheet submitted by City	0.50	0.00	0.00	0.50
2558	ber and Other Building Material	Recycling Office white ledger	See original spreadsheet submitted by City	0.00	1.44	0.00	1.44
2558	ber and Other Building Material	Recycling Office white ledger	See original spreadsheet submitted by City	0.00	1.20	0.00	1.20
2558	ber and Other Building Material	Reuse Wood pallets	See original spreadsheet submitted by City	0.60 0.25	0.00	0.00	0.60 0.25
Subtotal -				1.10 0.75	2.64	0.00	3.74 3.39
2692	ber and Other Building Material	Source reduction Wood pallets	See original spreadsheet submitted by City	4.20 6.00	0.00	0.00	4.20 6.00
2692	ber and Other Building Material	Composting Remainder/composite organic (sawdust)	See original spreadsheet submitted by City	0.00	0.00	2.25	2.25
Subtotal -				4.20 6.00	0.00	2.25	3.45 8.25
2641	ellaneous retail stores, n.e.c. (g	Source reduction Leaves and grass (grasscycling)	See original spreadsheet submitted by City	3.00 156.00	0.00	0.00	3.00 156.00
Subtotal -				3.00 156.00	0.00	0.00	3.00 156.00
15391	cellaneous General Merchand	Source reduction Office white ledger	See original spreadsheet submitted by City	0.26	0.00	0.00	0.26
15391	cellaneous General Merchand	Recycling Aluminum cans	See original spreadsheet submitted by City	0.00	2.67 0.00	0.00	2.67 0.00
15391	cellaneous General Merchand	Source reduction Remainder/composite plastic (toner cartridges)	See original spreadsheet submitted by City	0.01	0.00	0.00	0.01
Subtotal -				0.27	2.67 0.00	0.00	2.94 0.27
64	Photocopying & duplicating ser	Material exchange Bulky items	See original spreadsheet submitted by City	0.10	0.00	0.00	0.10
64	Photocopying & duplicating ser	Recycling Remainder/composite plastic (acetate)	See original spreadsheet submitted by City	0.00	0.30 0.00	0.00	0.30 0.00
64	Photocopying & duplicating ser	Source reduction Wood pallets	See original spreadsheet submitted by City	0.62 0.05	0.00	0.00	0.62 0.05
64	Photocopying & duplicating ser	Reuse Other miscellaneous paper	See original spreadsheet submitted by City	1.75	0.00	0.00	1.75
Subtotal -				2.37 1.90	0.00	0.00	2.67 1.90
14496	ber and Other Building Material	Reuse Wood pallets	See original spreadsheet submitted by City	4.44 0.60	0.00	0.00	4.44 0.60
14496	ber and Other Building Material	Material exchange Remainder/composite organic (wood scrap)	See original spreadsheet submitted by City	1.00	0.00	0.00	1.00
Subtotal -				2.44 1.60	0.00	0.00	2.44 1.60
13053	31-Auto and Home Supply Stor	Source reduction Wood pallets	See original spreadsheet submitted by City	1.67 0.16	0.00	0.00	1.67 0.16
13053	31-Auto and Home Supply Stor	Material exchange Bulky items	See original spreadsheet submitted by City	0.05	0.00	0.00	0.05
Subtotal -				1.72 0.21	0.00	0.00	1.72 0.21
8844	5651-Family Clothing Stores	Material exchange Textiles	See original spreadsheet submitted by City	0.60	0.00	0.00	0.60
8844	5651-Family Clothing Stores	Source reduction Remainder/composite plastic (hangers)	See original spreadsheet submitted by City	0.66 0.01	0.00	0.00	0.66 0.01
Subtotal -				1.26 0.61	0.00	0.00	1.26 0.61
11110	ber and Other Building Material	Source reduction Office white ledger	See original spreadsheet submitted by City	0.03	0.00	0.00	0.03
11110	ber and Other Building Material	Scavenging Wood pallets	See original spreadsheet submitted by City	0.00	1.00	0.00	1.00
Subtotal -				0.03	1.00	0.00	1.03
17344	99-Primary metal products, n.e	Source reduction Office white ledger	See original spreadsheet submitted by City	0.03	0.00	0.00	0.03
17344	99-Primary metal products, n.e	Source reduction Uncoated corrugated cardboard	See original spreadsheet submitted by City	0.17	0.00	0.00	0.17
17344	99-Primary metal products, n.e	Reuse Other ferrous metals	See original spreadsheet submitted by City	0.05	0.00	0.00	0.05
17344	99-Primary metal products, n.e	Source reduction Other office paper	See original spreadsheet submitted by City	0.66	0.00	0.00	0.66
17344	99-Primary metal products, n.e	Reuse Lumber	See original spreadsheet submitted by City	0.06	0.00	0.00	0.06
17344	99-Primary metal products, n.e	Recycling Other ferrous metals	See original spreadsheet submitted by City	0.00	0.00 0.05	0.00	0.00 0.05
Subtotal -				0.97	0.00 0.05	0.00	0.97 1.02
8851	9-Health and Allied Services, n	Source reduction Remainder/composite plastic (toner cartridges)	See original spreadsheet submitted by City	0.01	0.00	0.00	0.01
8851	9-Health and Allied Services, n	Source reduction Remainder/composite plastic (Styrofoam kernels)	See original spreadsheet submitted by City	0.01	0.00	0.00	0.01
8851	9-Health and Allied Services, n	Source reduction Uncoated corrugated cardboard	See original spreadsheet submitted by City	0.36	0.00	0.00	0.36
8851	9-Health and Allied Services, n	Source reduction Uncoated corrugated cardboard	See original spreadsheet submitted by City	0.10	0.00	0.00	0.10
8851	9-Health and Allied Services, n	Source reduction Uncoated corrugated cardboard	See original spreadsheet submitted by City	0.20	0.00	0.00	0.20

Board Meeting

August 16-17, 2005

Business Audit Division for the City of Redding

Agenda Item 19

Attachment 2b

Business Survey/Audit Identification Number	Business Type (Example - grocery store, retail, manufacturer) <u>1/</u>	Material Type (Example - cardboard, glass, plastic, etc.)	Specific Conversion Factor and Source	Source Reduction (Tons)	Recycling (Tons)	Composting (Tons)	Total Tons
8851	9-Health and Allied Services, n	Source reduction Bulky items	See original spreadsheet submitted by City	0.25	0.00	0.00	0.25
Subtotal -				0.93	0.00	0.00	0.93
9002	-	Source reduction Office white ledger	See original spreadsheet submitted by City	0.13	0.00	0.00	0.13
9002	-	Reuse Uncoated corrugated cardboard	See original spreadsheet submitted by City	0.29	0.00	0.00	0.29
9002	-	Reuse Office white ledger	See original spreadsheet submitted by City	0.03	0.00	0.00	0.03
9002	-	Reuse Remainder/composite plastic (toner cartridges)	See original spreadsheet submitted by City	0.01	0.00	0.00	0.01
9002	-	Material exchange E-Waste primarily metal	See original spreadsheet submitted by City	0.01	0.00	0.00	0.01
9002	-	Recycling Other ferrous metals	See original spreadsheet submitted by City	0.00	0.00 0.45	0.00	0.00 0.45
Subtotal -				0.47	0.00 0.45	0.00	0.47 0.92
2820	Roofing, Siding and Sheet Meta	Reuse Uncoated corrugated cardboard	See original spreadsheet submitted by City	0.07	0.00	0.00	0.07
2820	Roofing, Siding and Sheet Meta	Source reduction Wood pallets	See original spreadsheet submitted by City	0.68 3.40	0.00	0.00	0.68 3.40
2820	Roofing, Siding and Sheet Meta	Source reduction Wood pallets	See original spreadsheet submitted by City	0.06 0.30	0.00	0.00	0.06 0.30
Subtotal -				0.84 3.77	0.00	0.00	0.84 3.77
14162	9-Miscellaneous retail stores, n	Recycling Uncoated corrugated cardboard	See original spreadsheet submitted by City	0.00	0.57	0.00	0.57
14162	9-Miscellaneous retail stores, n	Source reduction Office white ledger	See original spreadsheet submitted by City	0.13	0.00	0.00	0.13
Subtotal -				0.13	0.57	0.00	0.70
12882	5461-Retail Bakeries	Source reduction Food	See original spreadsheet submitted by City	0.52	0.00	0.00	0.52
Subtotal -				0.52	0.00	0.00	0.52
9005	United States Postal Service-Ge	Source reduction Film plastic	See original spreadsheet submitted by City	0.20	0.00	0.00	0.20
9005	United States Postal Service-Ge	Recycling Remainder/composite plastic (Styrofoam kernels)	See original spreadsheet submitted by City	0.00	0.04	0.00	0.04
9005	United States Postal Service-Ge	Material exchange E-Waste primarily metal	See original spreadsheet submitted by City	0.28 0.13	0.00	0.00	0.28 0.13
Subtotal -				0.48 0.33	0.04	0.00	0.52 0.37
12210	7389-Business services, n.e.c.	Source reduction Office white ledger	See original spreadsheet submitted by City	0.13	0.00	0.00	0.13
12210	7389-Business services, n.e.c.	Reuse Remainder/composite plastic (Styrofoam kernels)	See original spreadsheet submitted by City	0.02	0.00	0.00	0.02
12210	7389-Business services, n.e.c.	Material exchange Bulky items	See original spreadsheet submitted by City	0.25	0.00	0.00	0.25
Subtotal -				0.40	0.00	0.00	0.40
8606	Plumbing, Heating and Air Cond	Source reduction Uncoated corrugated cardboard	See original spreadsheet submitted by City	0.37	0.00	0.00	0.37
8606	Plumbing, Heating and Air Cond	Reuse Office white ledger	See original spreadsheet submitted by City	0.03	0.00	0.00	0.03
Subtotal -				0.40	0.00	0.00	0.40
4591	9-Miscellaneous retail stores, n	Recycling Other office paper	See original spreadsheet submitted by City	0.00	0.37	0.00	0.37
Subtotal -				0.00	0.37	0.00	0.37
8761	-Petroleum bulk stations & term	Source reduction Office white ledger	See original spreadsheet submitted by City	0.03	0.00	0.00	0.03
8761	-Petroleum bulk stations & term	Source reduction Office white ledger	See original spreadsheet submitted by City	0.18	0.00	0.00	0.18
8761	-Petroleum bulk stations & term	Material exchange E-Waste primarily plastic	See original spreadsheet submitted by City	0.44 0.06	0.00	0.00	0.44 0.06
Subtotal -				0.35 0.27	0.00	0.00	0.35 0.27
618	5099-Durable goods, n.e.c.	Source reduction Office white ledger	See original spreadsheet submitted by City	0.26	0.00	0.00	0.26
Subtotal -				0.26	0.00	0.00	0.26
8083	5141-Groceries, general line	Source reduction Office white ledger	See original spreadsheet submitted by City	0.26	0.00	0.00	0.26
Subtotal -				0.26	0.00	0.00	0.26
2214	umber and Other Building Material	Recycling Other office paper	See original spreadsheet submitted by City	0.00	0.20	0.00	0.20
2214	umber and Other Building Material	Recycling Remainder/composite plastic (toner cartridges)	See original spreadsheet submitted by City	0.00	0.05	0.00	0.05
Subtotal -				0.00	0.25	0.00	0.25
332	1531-Operative Builders	Source reduction Office white ledger	See original spreadsheet submitted by City	0.06	0.00	0.00	0.06
332	1531-Operative Builders	Source reduction Uncoated corrugated cardboard	See original spreadsheet submitted by City	0.02	0.00	0.00	0.02
332	1531-Operative Builders	Source reduction Remainder/composite plastic (toner cartridges)	See original spreadsheet submitted by City	0.02	0.00	0.00	0.02
332	1531-Operative Builders	Source reduction Office white ledger	See original spreadsheet submitted by City	0.13	0.00	0.00	0.13
Subtotal -				0.23	0.00	0.00	0.23
7748	d Street Construction, Except E	Source reduction Remainder/composite plastic (toner cartridges)	See original spreadsheet submitted by City	0.15	0.00	0.00	0.15
7748	d Street Construction, Except E	Source reduction Office white ledger	See original spreadsheet submitted by City	0.03	0.00	0.00	0.03
Subtotal -				0.18	0.00	0.00	0.18
11730	0782-Lawn and Garden Services	Material exchange E-Waste primarily plastic	See original spreadsheet submitted by City	0.03 0.01	0.00	0.00	0.03 0.01
11730	0782-Lawn and Garden Services	Source reduction Other ferrous metals	See original spreadsheet submitted by City	0.15	0.00	0.00	0.15
Subtotal -				0.48 0.16	0.00	0.00	0.48 0.16
10740	1531-Operative Builders	Source reduction Office white ledger	See original spreadsheet submitted by City	0.13	0.00	0.00	0.13
Subtotal -				0.13	0.00	0.00	0.13
10574	5942-Book stores	Reuse Remainder/composite plastic	See original spreadsheet submitted by City	0.08	0.00	0.00	0.08
Subtotal -				0.08	0.00	0.00	0.08
7424	5099-Durable goods, n.e.c.	Source reduction Remainder/composite plastic (toner cartridges)	See original spreadsheet submitted by City	0.03	0.00	0.00	0.03
Subtotal -				0.03	0.00	0.00	0.03
12839	9-Miscellaneous retail stores, n	Material exchange Other miscellaneous paper	See original spreadsheet submitted by City	0.02	0.00	0.00	0.02
Subtotal -				0.02	0.00	0.00	0.02
13509	4499-Miscellaneous Food Stores	Recycling Uncoated corrugated cardboard	See original spreadsheet submitted by City	0.00	0.00	0.00	0.00
Subtotal -				0.00	0.00	0.00	0.00
17036	umber and Other Building Material	Recycling Uncoated corrugated cardboard	See original spreadsheet submitted by City	0.00	0.00	0.00	0.00
Subtotal -				0.00	0.00	0.00	0.00
7267	2-Plastering, drywall, and insula	Recycling Other ferrous metals	See original spreadsheet submitted by City	0.00	0.00	0.00	0.00
Subtotal -				0.00	0.00	0.00	0.00

Board Meeting

August 16-17, 2005

Business Audit Diversion for the City of Redding

Agenda Item 19

Attachment 2b

Business Survey/Audit Identification Number	Business Type (Example - grocery store, retail, manufacturer) <u>1/</u>	Material Type (Example - cardboard, glass, plastic, etc.)	Specific Conversion Factor and Source	Source Reduction (Tons)	Recycling (Tons)	Composting (Tons)	Total Tons
15539	2844-Toilet preparations	Recycling Office white ledger	See original spreadsheet submitted by City	0.00	0.00	0.00	0.00
Subtotal -				0.00	0.00	0.00	0.00
NA	State Agency	inert materials		0.00	2400.00	0.00	2400.00
Subtotal -				0.00	0.00	0.00	0.00
NA	Golf Course	Grasscycling	6.5 tons per acre per year (CIWMB)	0.00	552.50	0.00	0.00
Subtotal -				0.00	552.50	0.00	0.00
NA	Golf Course	Grasscycling	6.5 tons per acre per year (CIWMB)	0.00	123.50	0.00	0.00
Subtotal -				0.00	123.50	0.00	0.00
NA	Golf Course	Grasscycling	6.5 tons per acre per year (CIWMB)	0.00	162.50	0.00	0.00
Subtotal -				0.00	162.50	0.00	0.00
NA	Chapel	Grasscycling	6.5 tons per acre per year (CIWMB)	0.00	78.00	0.00	0.00
Subtotal -				0.00	78.00	0.00	0.00
NA	Memorial Park	Grasscycling	6.5 tons per acre per year (CIWMB)	0.00	162.50	0.00	0.00
Subtotal -				0.00	162.50	0.00	0.00
NA	Cemetery	Grasscycling	6.5 tons per acre per year (CIWMB)	0.00	19.50	0.00	0.00
Subtotal -				0.00	19.50	0.00	0.00
NA	NA	Grasscycling	6.5 tons per acre per year (CIWMB)	0.00	52.00	0.00	0.00
Subtotal -				0.00	52.00	0.00	0.00
NA	Recycler	cardboard and newspaper	actual weights	0.00	0.00	3091.00	0.00
Subtotal -				0.00	0.00	3091.00	0.00
NA	Excavation work	Recycling Asphalt	See original spreadsheet submitted by City	0.00	0.00	10120.62	0.00
Subtotal -				0.00	0.00	10120.62	0.00
Grand Total			0	2,892.83	18,953.04	703.82	22,549.69